

**Notice of Allowability**

Application No.

10/029,186

Examiner

PHUC H. TRAN

Applicant(s)

WILSON, ANDREW W.

Art Unit

2666

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/19/01.
2. ☒ The allowed claim(s) is/are 1-9,12,10,13-20 now renumbered as 1-19 respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

  
**DANG TON**  
TRIMARTY EXAMINER

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☒ to Paper No./Mail Date 8/18/03.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 9/13/05.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

**DETAILED ACTION**

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Albert S. Penilla (Reg. No. 39487) on 9/13/05.

The application has been amended as follows:

- Cancel claims 21-23.
- In claim 2, in line 2, 1<sup>st</sup> occurrence, delete "as recited".
- In claim 3, in line 2, 1<sup>st</sup> occurrence, delete "as recited".
- In claim 4, in line 2, 1<sup>st</sup> occurrence, delete "as recited".
- In claim 5, in line 2, 1<sup>st</sup> occurrence, delete "as recited".
- In claim 6, in line 2, 1<sup>st</sup> occurrence, delete "as recited".
- In claim 7, in line 2, 1<sup>st</sup> occurrence, delete "as recited".
- In claim 9, in line 2, 1<sup>st</sup> occurrence, delete "as recited".
- In claim 10, in line 2, 1<sup>st</sup> occurrence, delete "as recited"; delete "2" in line 2 and insert "8" after "claim"; delete "partially" in line 2 and insert "plurality" after "the"; delete "data" in line 2 after "compatible".
- In claim 12, in line 2, 1<sup>st</sup> occurrence, delete "as recited".
- In claim 14, in line 2, 1<sup>st</sup> occurrence, delete "as recited".

- In claim 15, in line 2, 1<sup>st</sup> occurrence, delete “as recited”.
- In claim 16, in line 2, 1<sup>st</sup> occurrence, delete “as recited”.
- In claim 18, delete “17” in line 2 and insert “16” after “claim”.
- In claim 19, delete “17” in line 2 and insert “16” after “claim”.
- In claim 20, delete “17” in line 2 and insert “16” after “claim”.

2. The following is an examiner’s statement of reasons for allowance:

A method for processing data packets received at a computing system, the received data packets being received from a networked transmitting computing entity, the method comprising: receiving a data packet; processing lower layer protocol headers of the data packet to expose overlying headers of the data packet; processing the overlying headers in a shared hardware component capable of executing header data for a transmission control protocol (TCP) communication and a storage transport protocol (STP) communication, the header data for the TCP communication and the STP communication being positioned into standard header field locations; and determining whether the data packet is from the TCP communication or the STP communication; if the data packet is from the TCP communication, completing the processing of the overlying headers of the data packet separately in TCP processing; if the data packet is from the STP communication, completing the processing of the overlying headers of the data packet separately in STP processing.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Jankins et al. (U.S. Patent No. 6272400) discloses vacuum network controller.

Miller et al. (U.S. Patent No. 6324183) discloses systems and methods for communicating messages among signaling system 7 (SS7) signaling points (SPs) and internet protocol (IP) nodes using signal transfer points (STPS).

Wang et al. (U.S. Patent No. 6834326) discloses RAID method and device with network protocol between controller and storage devices.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHUC H. TRAN whose telephone number is (571) 272-3172. The examiner can normally be reached on M-F (8-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, RAO SEEMA can be reached on (571) 272-3174. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Phuc Tran  
Assistant Examiner  
Art Unit 2664

P.t  
9/14/05



DANG TON  
PRIMARY EXAMINER